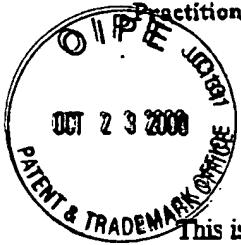


Practitioner's Docket No. MAT-17201JS3

PATENT



ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION (DIVISIONAL)

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Matsushita Electric Industrial Co., Ltd.

Patent Number: 5,790,172

Date Patent Issued: 08/04/1998

Title of Invention: SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

I am an assignee owning an undivided interest to the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Certificate under 37 C.F.R. section 3.73(b)"

Matsushita Electric Industrial Co., Ltd

Signature of person signing for assignee

Date: October 18, 2000

Dr. Osamu Yamazaki
Director

Under the Paperwork Reduction Act, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DIVISIONAL

REISSUE APPLICATION BY THE INVENTOR,
I P E OFFER TO SURRENDER PATENT

Docket Number (Optional)

MAT-3720US3

OCT 23 2000



This is a copy of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s)

Ryoichi Imanaka

Patent Number

5,790,172

Date Patent Issued

August 4, 1998

Title of Invention

SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

I am the inventor of the original patent.

I offer to surrender the original patent.

1. Filed herein is a certificate under 37 CFR 3.73(b).
2. Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.

One of boxes 1 or 2 above must be checked.

The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.

Signature

Date

October 18, 2000

Typed or printed name

Ryoichi Imanaka

The assignee owning an undivided interest in said original patent is Matsushita Electric Industrial Co., Ltd. and the assignee consents to the accompanying application for reissue.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Name of assignee

Matsushita Electric Industrial Co., Ltd.

Signature of person signing for assignee

Date

October 18, 2000

Typed or printed name and title of person signing for assignee

Dr. Osamu Yamazaki

Director

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/51 (12-97)

Approved for use through 9/30/00. OMB 0651-0033

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DIVISIONAL
REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

MAI-37201JS3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,790,172, granted August 4, 1998, and for which a reissue patent is sought on the invention entitled SERVER APPARATUS, SUBSCRIBER APPARATUS AND

INFORMATION ON DEMAND SYSTEM

the specification of which

 is attached hereto. was filed on August 3, 2000 as reissue application number 09 / 631,542
and was amended on August 3, 2000.
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- by reason of a defective specification or drawing.
- by reason of the patentee claiming more or less than he had the right to claim in the patent.
- by reason of other errors.

At least one error upon which reissue is based is described as follows:

During the prosecution of the application that issued as the above patent, I did not recognize that the features disclosed at column 2, lines 53-63 and column 7, lines 20-35 were appropriate to claim. As such, I did not claim all that I had a right to claim. This error was made without deceptive intent.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DIVISIONAL

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

MAT-3720US3

All errors corrected in this reissue application are made without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Lawrence F. Asherv

34,515

Jacques L. Etkowicz

41,738

Correspondence Address: Direct all communications about the application to:

 Customer Number
Place Customer Number Bar
Code Label here

OR

Type Customer Number here

 Firm or
Individual Name

Rainer & Prestis

Address

P.O. Box 980

Address

Valley Forge

State

PA

ZIP 19482

Country

United States

Telephone

610-407-0700

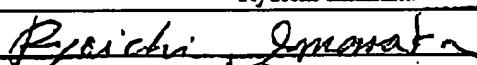
Fax 610-407-0701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Ryoichi Imanaka

Inventor's signature



Date October 18, 2000

Residence Hirakata, Japan

Citizenship

Japanese

Post Office Address 3-2-6, Kuzubashi, Hirakata-shi, Osaka 573, Japan

Full name of second joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of third joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Post Office Address

 Additional joint inventors are named on separately numbered sheets attached hereto.

O I P E Please type a plus sign (+) inside this box

PTO/SB/026 (3-97)

Approved for use through 9/30/08. OMB 0651-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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valid OMB control number.

OCT 23 2009

PATENT & TRADEMARK OFFICE

DECLARATION

REGISTERED PRACTITIONER
INFORMATION
(Supplemental Sheet)

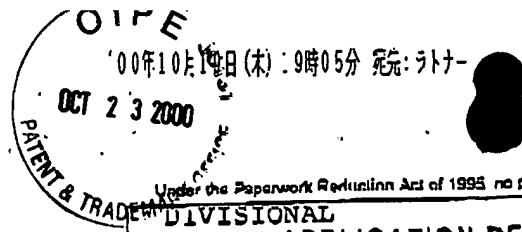
Name	Registration Number	Name	Registration Number
Kevin R. Casey	32,117		
Benjamin E. Leace	33,412		
James C. Simmons	24,842		
Lawrence E. Ashery	34,515		
Christopher R. Lewis	36,201		
Robert L. Andersen	25,771		
Daniel N. Calder	27,424		
Louis W. Beardell, Jr.	40,506		
Jacques L. Etkowicz	41,738		
Jonathan H. Spadt	45,122		
Joshua L. Cohen	38,040		
Jack J. Jankovitz	42,690		
Christopher I. Halliday	42,621		
Allan Ratner	19,717		
Paul F. Prestia	23,031		
Andrew L. Ney	20,300		
Kenneth N. Nigon	31,549		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTVT STONAT REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT		Docket Number (Optional) MAT-3720US3				
<p>This is part of the application for a reissue patent based on the original patent identified below.</p> <p>Name of Patentee(s): Ryoichi Imanaka</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Patent Number 5,790,172</td> <td style="width: 50%;">Date Patent Issued August 4, 1998</td> </tr> <tr> <td colspan="2">Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM</td> </tr> </table> <p><u>Matsushita Electric Industrial Co., Ltd.</u> is the assignee of the entire interest in the original patent.</p> <p>I offer to surrender the original patent.</p> <p><input checked="" type="checkbox"/> A certificate under 37 CFR 3.73(b) is attached.</p> <p>I am authorized to act on behalf of the assignee.</p>			Patent Number 5,790,172	Date Patent Issued August 4, 1998	Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM	
Patent Number 5,790,172	Date Patent Issued August 4, 1998					
Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM						
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.</p> <p>Name of assignee <u>Matsushita Electric Industrial Co., Ltd.</u></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Signature of person signing for assignee </td> <td style="width: 50%;">Date October 18, 2000</td> </tr> </table> <p>Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director</p>			Signature of person signing for assignee 	Date October 18, 2000		
Signature of person signing for assignee 	Date October 18, 2000					

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



00年10月23日(木) 9時05分 元: ラトナ-

発信: 松下技術情報サービス(株)

R: 882

P. 08

PTO/98/92 (06-99)

Approved for use through 9/30/00. GMB 0651-0033

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DIVISIONAL

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE

Docket Number (optional)

MAT-3720US3

I hereby declare that:

My residence and post office address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Matsushita Electric Industrial Co., Ltd.

and the title of my position with said assignee is: _____

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

Ryoichi Imanaka

Patent Number

5,790,172

Date of Patent Issued

August 4, 1998

Title of Invention

SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM.

the specification of which

is attached hereto.

was filed on August 3, 2000 as reissue application number 09/631,542
and was amended on August 3, 2000
(if applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

by reason of a defective specification or drawing.

by reason of the patentee claiming more or less than he had the right to claim in the patent.

by reason of other errors.

At least one error upon which reissue is based is described as follows:

During the prosecution of the application that issued as the above patent, the inventor, Ryoichi Imanaka, did not recognize that the features disclosed at column 2, lines 53-63 and column 7, lines 20-35 were appropriate to claim. As such, Mr. Imanaka did not claim all that he had a right to claim. This error was made without deceptive intent.

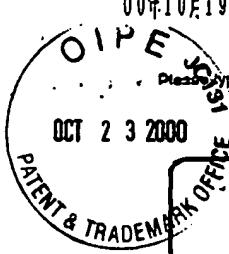
[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DIVISIONAL (REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 2)		Court Number (Optional)
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.		
Name(s)	Registration Number	
Lawrence F. Asherv	34,515	
Jacques L. Etkowicz	41,738	
Correspondence Address: Direct all communications about the application to:		
<input type="checkbox"/> Customer Number	<input type="checkbox"/> Place Customer Number Bar Code Label Here	
Type Customer Number Here		
OR		
<input checked="" type="checkbox"/> Firm or Individual Name	Ratner & Prestia	
Address	P.O. Box 980	
Address		
City	Valley Forge	State PA Zip 19482
Country		
Telephone	(610) 407-0700	Fax (610) 407-0701
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1 001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.		
Full name of person signing (given name, family name)		
Dr. Osamu Yamazaki, Director		
Signature	Date October 18, 2000	
Address of Assignee 1006, Ōaza Kadoma, Kadoma-shi Osaka 571 Japan		
Patentee Ryoichi Imanaka	Citizenship Japanese	
Residence/Post Office Address Residence: Hirakata Japan Post Office Address: 3-2-6, Kuzuha Misaki, Hirakata shi, Osaka 573 Japan		
Patentee	Citizenship	
Residence/Post Office Address		



Please type a plus sign (+) inside this box

PTO/SB/02C (3-97)
Approved for use through 03/08, GMB 0851-0032

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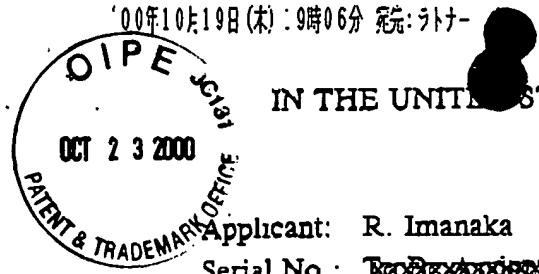
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DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

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Benjamin E. Leace	33,412		
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Lawrence E. Ashery	34,515		
Christopher R. Lewis	36,201		
Robert L. Andersen	25,771		
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Louis W. Beardell, Jr.	40,506		
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Jack J. Jankovitz	42,690		
Christopher I. Halliday	42,621		
Allan Ratner	19,717		
Paul F. Prestia	23,031		
Andrew L. Ney	20,300		
Kenneth N. Nigon	31,549		

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00年10月19日(木) 9時06分 紛:ラトナ-

発:松下技術情報サービス(株)

P:882 P.1:
P13826-OY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCT 23 2000

Applicant: R. Imanaka

: Art Unit:

Serial No.: ~~102000000000~~ 09/631,542

: Examiner:

Filed: ~~2000-08-03~~ August 3, 2000

FOR: SERVER APPARATUS,

SUBSCRIBER APPARATUS AND

INFORMATION ON DEMAND SYSTEM

CERTIFICATE UNDER 37 CFR 3.73 (b)

Assistant Commissioner for Patents

Washington, D.C. 20231

SIR:

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7692, Frame 0439, for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by

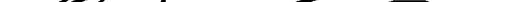
~~fine or imprisonment or both, under Section 1001, Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.~~



Date : October 18, 2000

Name : Dr. Osamu Yamazaki

Title : Director

Signature : 

卷之三

00510月19日(木) 9時06分 続:ラトナ-

宛:特許技術情報サービス(内)

R:882 P.13



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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JAMES C. SIMMONS
RATNER & PRESTIA
P.O. BOX 900
500 N. GULPH ROAD
VALLEY FORGE, PA 19482

RATNER & PRESTIA

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/13/1995

REEL/FRAME: 7692/0439
NUMBER OF PAGES. 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
IMANAKA, RYOICHI

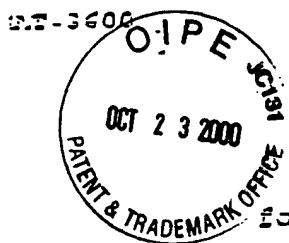
DOC DATE: 09/26/1995

ASSIGNEE:
MITSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006 OAZA KADOMA, KADOMA-SHI
OSAKA, JAPAN 571

ISSUING DATE: 07/18/1995
ISSUE DATE.

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

NO Legalization required

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

inventor(s)

ASSIGNOR(s) / 1. Ryoichi Imanaka
INVENTOR(s)

TITLE has made an invention entitled:

SERVER APPARATUS, SUBSCRIBER APPARATUS AND
INFORMATION ON DEMAND SYSTEM

and has executed an application for Letters Patent of the United States concurrently herewith;

WHEREAS, the ASSIGNEE

ASSIGNEE Matsushita Electric Industrial Co., Ltd.
Full Name
(Full address) 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)

I. Ryoichi Imanaka

(Signature)

Ryoichi Imanaka Sept. 26, 1995

(Date)

SIGNATURE

Application for United States Letters Patent
 Serial No. 08/301,601 Filed July 18, 1995.
 Attorney Docket No. MAT-3720.